

Title (en)

METHOD FOR EVALUATING THERMOPLASTIC PROPERTIES OF COAL OR BINDING MATERIAL

Title (de)

VERFAHREN ZUR BEWERTUNG THERMOPLASTISCHER EIGENSCHAFTEN VON KOHLE ODER BINDEMITELE

Title (fr)

PROCÉDÉ D'ÉVALUATION DE PROPRIÉTÉS THERMOPLASTIQUES DE CHARBON OU DE MATÉRIAU DE LIAISON

Publication

EP 4170345 A4 20231129 (EN)

Application

EP 21858192 A 20210805

Priority

- JP 2020137312 A 20200817
- JP 2021029202 W 20210805

Abstract (en)

[origin: EP4170345A1] A method for evaluating the thermoplasticity of a coal or a caking additive with an apparatus including a container for coal and a stirrer located in the container, including: estimating a permeation distance of the coal or caking additive from a value indicating a shape of semicoke formed by rotating the stirrer while heating the coal or caking additive and from a correlation between the value indicating the shape of the semicoke and the permeation distance of the coal or caking additive.

IPC 8 full level

G01N 33/22 (2006.01); **G01N 11/14** (2006.01)

CPC (source: EP US)

G01N 3/54 (2013.01 - US); **G01N 11/14** (2013.01 - EP US); **G01N 33/22** (2013.01 - EP US)

Citation (search report)

- [XA] US 2014144071 A1 20140529 - DOHI YUSUKE [JP], et al
- See references of WO 2022039045A1

Designated contracting state (EPC)

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EP 4170345 A1 20230426; **EP 4170345 A4 20231129**; AU 2021329613 A1 20230202; AU 2021329613 B2 20240111; BR 112023002405 A2 20230321; CA 3182598 A1 20220224; CN 116113818 A 20230512; JP 7056809 B1 20220419; JP WO2022039045 A1 20220224; TW 202223072 A 20220616; TW I783624 B 20221111; US 2023296486 A1 20230921; WO 2022039045 A1 20220224

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